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AN: PAT 2002-691488

TI: Ad-hoc radio network for transmission of messages consists of any number of nodes, each with receiver with input controller, switching station and transmitter with output controller

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AB: NOVELTY - The nodes (N1-N9) are randomly distributed, and each node has a defined duty interface (SAP) which may be connected to a variety of applications (1). The signal between a starting node (N1) and a target node (N4) may be transmitted on a path (2) which may be relayed between several intermediate nodes (N6,N7). DETAILED DESCRIPTION - The transmission paths are determined according to a routing method for the virtual connections that are to be transmitted. The nodes manage local address or control information, which is allocated to the virtual connections is transmitted to the previous nodes of the transmission path.; USE - Network for radio transmission of synchronous and asynchronous messages. ADVANTAGE - Transmitters and receivers of neighboring nodes on transmission path are synchronized using cyclically transmitted identifiers, whose intervals define a time frame. DESCRIPTION OF DRAWING(S) - The drawing shows a network of nodes. Starting node N1 Nodes N1-N9 Target node N4 Intermediate nodes N6,N7 Defined duty interface SAP Applications 1 Signal transmission path 2

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